

2006-07 Funded NMAI Projects

		NATIONAL MARINE AQUACULTURE INITIATIVE PROJECTS 1999-2006	
		PROPOSAL	
FY	Organization	TITLE	Award
2000	University of Miami	Commercial hatchery production of mutton snapper (<i>lutjanus analis</i>) and greater amberjack (<i>seriola dumerili</i>) for grow out in offshore cage systems	\$147,944
2000	Mote Marine Laboratory	Sea grant technology program: development of bay scallop stock enhancement technology	\$150,000
2000	University of Hawaii	National marine aquaculture initiative: evaluating open ocean aquaculture sites using gis and regulatory processes in Hawaii	\$118,682
2000	Louisiana State University	Use of emerging marine recirculating technologies to establish commercial production of high-value marine species	\$99,667
2000	National Sea Grant Law Program	Identification and mitigation of legal and regulatory hurdles to offshore aquaculture	\$76,118
2000	Mississippi Alabama Sea Grant	Sea grant technology program: biological engineering, environmental and legal research for the development of offshore cage aquaculture in the gulf of Mexico	\$148,059
2000	Maine Aquaculture Assoc	Development of model codes of practice for environmentally responsible aquaculture using the multi-species Maine industry as a foundation	\$90,000
2000	Pacific Coast Shellfish Growers Assoc	Developing environmental codes of practice for pacific coast shellfish aquaculture industry	\$98,980
2000	University of Texas Medical Branch	Sea grant technology program: aquaculture--development of a domesticated, specific-pathogen-free (spf) breeding line of <i>penaeus chinensis</i> for aquaculture use in the united states	\$149,522
2000	Virginia Tech.	A national planning effort to further national marine recirculating aquaculture	\$22,859
2000	Virginia Institute of Marine Science	Captive spawning, larval and early juvenile culture of cobia (<i>rachycentron canadum</i>)	\$72,104
2000	University of New Hampshire	Reducing the risk of open ocean aquaculture facilities to protected species	\$50,619
2000	Woods Hole Oceanographic Institute	National marine aquaculture initiative: improving the regulatory framework for marine aquaculture regional planning and economic decision making	\$91,000
2001	University of Connecticut	Development of an integrated recirculating aquaculture system for nutrient bioremediation in urban aquaculture	\$227,034
2001	University of Delaware	Development and testing of an operational framework for offshore aquaculture in conjunction with stakeholders at national and regional levels	\$261,300
2001	University of Hawaii	Hawaii offshore aquaculture research project (hoarp) phase iii: critical research and development issues for commercialization	\$300,000
2001	North Carolina State U.	National marine aquaculture initiative: development of methods for large-scale continuous culture of marine copepods	\$55,500
2001	Oregon State University	Development of methods for the production of effective microparticulate feeds for marine fish larvae	\$99,850
2001	Kent Sea Tech, Inc.	Signature-tagged mutagenesis: a novel and rapid approach for development of aquaculture vaccines	\$122,900
2001	University of Miami	National marine aquaculture initiative: hatchery production of mutton snapper (<i>lutjanus analis</i>) and other high-value marine food fish	\$350,000
2001	University of Massachusetts	National marine aquaculture initiative - clarifying marine aquaculture legal rights: improving the legal interest framework	\$44,634
2001	Oregon State University	NMAI-multi-disciplinary research for the development of sustainable offshore aquaculture in the gulf of Mexico	\$448,915
2001	Pacific Shellfish Institute	National marine aquaculture initiative: ecological characteristics and carrying capacity of suspended shellfish culture systems	\$239,800
2001	Washington Fish Growers Assoc.	Offshore finfish mariculture in western strait of Juan de Fuca, Washington state	\$190,300
2001	Florida Department of Agriculture	Quantifying impacts of clam culture on adjacent communities	\$39,200
2001	Mississippi State University	Improved recovery and utilization of seafood processing waste and by-catch in aqua feeds to enhance sustainability of aquaculture	\$81,203

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2001	University of Hawaii	National marine aquaculture initiative: using gis for offshore aquaculture siting in the us Caribbean and Florida	\$60,000
2001	Oceanic Institute	Hawaii offshore aquaculture research project (hoarp) phase iii: critical research and development issues for commercialization	\$150,000
2001	University of Puerto Rico	National marine aquaculture initiative: environmental and social impact of sustainable offshore cage culture production in puerto rican waters	\$200,003
2001	SC Department of Natural Resources	Development of reliable spawning, nursery, and juvenile production techniques for commercialization of black sea bass aquaculture	\$300,000
2001	Clemson University	Engineered ecosystems for high rate sustainable marine shrimp and bivalve production	\$208,200
2001	Virginia Sea Grant	An integrated approach to the development of cobia (rachycentron canadum) culture in the united states	\$449,912
2001	Virginia Tech	Determination of dietary requirements and their effects on immune status for cultured summer founder (paralichthys dentatus)	\$100,000
2001	University of Wisconsin	National marine aquaculture initiative: production of a best management practices manual for aquaculture in Wisconsin and the great lakes region	\$70,000
2002	University of Connecticut	Development of an integrated recirculating aquaculture system for nutrient bioremediation in urban aquaculture	\$102,734
2002	University of Hawaii	Hawaii offshore aquaculture research project (hoarp) phase iii: critical research and development issues for commercialization	\$137,100
2002	Oregon State University	Development of methods for the production of effective microparticulate feeds for marine fish larvae	\$35,736
2002	Kent Sea Tech, Inc.	Signature-tagged mutagenesis: a novel and rapid approach for development of aquaculture vaccines	\$57,150
2002	Pacific Shellfish Institute	National marine aquaculture initiative: ecological characteristics and carrying capacity of suspended shellfish culture systems	\$114,040
2002	Florida Department of Agriculture	Quantifying impacts of clam culture on adjacent communities	\$11,790
2002	Washington Fish Growers Assoc.	Offshore finfish mariculture in western strait of Juan de Fuca, Washington state	\$75,540
2002	University of Miami	National marine aquaculture initiative: hatchery production of mutton snapper (Lutjanus analis) and other high-value marine food fish	\$159,950
2002	Oceanic Institute	Hawaii offshore aquaculture research project (hoarp) phase iii: critical research and development issues for commercialization	\$68,550
2002	University of Miami	National marine aquaculture initiative: using gis for offshore aquaculture siting in the us Caribbean and Florida	\$27,240
2002	Mississippi State University	Improved recovery and utilization of seafood processing waste and by-catch in aqua feeds to enhance sustainability of aquaculture	\$39,186
2002	SC Department of Natural Resources	Development of reliable spawning, nursery, and juvenile production techniques for commercialization of black sea bass aquaculture	\$137,101
2002	Clemson University	Engineered ecosystems for high rate sustainable marine shrimp and bivalve production	\$70,010
2002	Virginia Sea Grant	An integrated approach to the development of cobia (rachycentron canadum) culture in the united states	\$205,648
2002	Virginia Tech	Determination of dietary requirements and their effects on immune status for cultured summer founder (paralichthys dentatus)	\$34,280
2002	University of Wisconsin	National marine aquaculture initiative: production of a best management practices manual for aquaculture in Wisconsin and the great lakes region	\$13,710
2003	University of Delaware	Development and testing of an operational framework for offshore aquaculture in conjunction with stakeholders at national and regional levels	\$103,480
2003	University of Delaware	Development and testing of an operational framework for offshore aquaculture in conjunction with stakeholders at national and regional levels	\$52,095
2003	North Carolina State U.	National marine aquaculture initiative: development of methods for large-scale continuous culture of marine copepods	\$10,000
2003	Pacific Shellfish Institute	National marine aquaculture initiative: ecological characteristics and carrying capacity of suspended shellfish culture systems	\$15,000

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2003	Kent Sea Tech, Inc.	Signature-tagged mutagenesis: a novel and rapid approach for development of aquaculture vaccines	\$10,000
2003	University of Miami	National marine aquaculture initiative: hatchery production of mutton snapper (<i>lutjanus analis</i>) and other high-value marine food fish	\$60,000
2004	University of Miami	National marine aquaculture initiative: demonstrating hatchery and grow out technology for production of cobia (<i>rachycentron canadum</i>) from egg to market	\$69,800
2004	University of Hawaii	Acquisition of initial sedimentation rate data around sea cages operating off the coast of Oahu	\$20,000
2004	Oceanic Institute	National marine aquaculture initiative: Hawaii offshore aquaculture research project, phase iv: scale up to carrying capacity in the offshore environment	\$88,400
2004	Rensel Associates Aquatic Sciences	National marine aquaculture initiative: beneficial floating reef effects of marine finfish mariculture	\$69,800
2004	Pacific Shellfish Institute	National marine aquaculture initiative: environmental and technical assessment of alternative shellfish production methods	\$186,000
2004	University of Puerto Rico	Continuation with reduced sampling of environmental monitoring research of open ocean aquaculture in culebra	\$15,000
2004	University of Puerto Rico	National marine aquaculture initiative: measurement of the benthic loading and the benthic impact from an open-ocean fish farm in tropical waters	\$69,800
2004	Clemson University	National marine aquaculture initiative: high rate algal systems for sustainable marine bivalve seed and shrimp co-production	\$162,800
2006	North Carolina State U.	Building a superior striped bass: A genome map for accelerated selective breeding	\$202,578
2006	Hubbs Sea World	Offshore culture of California yellowtail (<i>Seriola lalandi</i>) - a multinational demonstration project supported by a well-established tuna farming infrastructure	\$505,553
2006	SC Department of Natural Resources	National initiative for aquaculture development and fishery enhancement of Cobia, <i>Rachycentron canadum</i>	\$356,337
2006	University of Miami	Assessment of environmental impact of offshore cage culture	\$150,000
2006	Mississippi State University	Use of dietary prebiotics to enhance growth, intestinal health, nutrient utilization and disease resistance of prominent warmwater and coldwater marine fishes	\$199,103
2006	SC Department of Natural Resources	Commercialization of bait shrimp farming based on specific pathogen free stocks	\$500,000
2006	Pacific Shellfish Institute	Alternative shellfish production methods: Environmental interactions and regulatory compliance	\$285,583
2006	Oceanic Institute	Hawaii offshore aquaculture research project (HOARP) Phase V: Demonstration of sustainable offshore cage culture in Hawaii	\$400,000
2006	University of Miami	Demonstrating technological and economic feasibility of cobia (<i>Rachycentron canadum</i>) aquaculture from hatchery to market	\$400,000
2006	University of North Carolina Wilmington	Commercialization of black sea bass (<i>Centropristis striata</i>) aquaculture: nursery, growout, and marketing	\$400,000
2006	Great Bay Aquaculture	Cod Culture: A sustainable opportunity for New England through diversification and use of existing, underutilized	\$248,952

TOTAL
\$11,184,351